

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Sunil Chada *et al.*

Serial No.: 10/791,692

Filed: March 2, 2004

For: METHODS AND COMPOSITIONS
INVOLVING MDA-7

Group Art Unit: 1645

Examiner: Unknown

Atty. Dkt. No.: INGN:105US

Confirmation No.: 3897

CERTIFICATE OF ELECTRONIC TRANSMISSION
37 C.F.R. § 1.8

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February 27, 2007

Date


Monica A. De La Paz

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

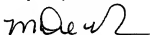
In accordance with 37 C.F.R. §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be

construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/INGN:105US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'mDeLaPaz', with a stylized flourish at the end.

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Date: February 27, 2007

Form PTO-1449 (modified)		Atty. Docket No.: INGN:105US	Serial No.: 10/791,692
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT		Applicant: Sunil Chada <i>et al.</i>	
(Use several sheets if necessary)		Filing Date: March 2, 2004	Group: 1645
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-6</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B17	WO 03/075952	09/18/03	WIPO	English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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	C222	Albert <i>et al.</i> , "Dendritic cell maturation is required for the cross-tolerization of CD8+ T cells," <i>Nat Immunol</i> , 2(11):1010-1017, 1998.
	C223	Beretta <i>et al.</i> , "Rapamycin blocks the phosphorylation of 4E-BP1 and inhibits cap-dependent initiation of translation," <i>EMBO J</i> , 15:658-664, 1996.
	C224	Beretta <i>et al.</i> , "Rapamycin stimulates viral protein synthesis and augments the shutoff of host protein synthesis upon picornavirus infection," <i>J. Virol</i> , 70:8993-8996, 1996.
	C225	Chattergoon <i>et al.</i> , "Targeted antigen delivery to antigen-presenting cells including dendritic cells by engineered Fas-mediated apoptosis," <i>Nat Biotechnol</i> , 18(9):974-979, 2000.
	C226	Cunningham <i>et al.</i> , "Clinical and local biological effects of an intratumoral injection of <i>mda-7</i> (IL24; INGN 241) in patients with advanced carcinoma: a phase I study," <i>Molecular Therapy</i> , 11(1):149-159, 2005. (Written in 2003 with Applicant)
	C227	Dagon <i>et al.</i> , "Double-stranded RNA-dependent protein kinase, PKR, down-regulates CDC2/cyclin B1 and induces apoptosis in non-transformed but not in v-mos transformed cells," <i>Oncogene</i> , 20(56):8045-8056, 2001.
	C228	Davidson <i>et al.</i> , "Intralesional cytokine therapy in cancer: A pilot study of GM-CSF infusion in mesothelioma," <i>J. Immunother.</i> , 21:389-398, 1998.
	C229	De Waal Malefyt <i>et al.</i> , "Interleukin 10(IL-10) inhibits cytokine synthesis by human monocytes: an autoregulatory role of IL-10 produced by monocytes," <i>J. Exp. Med.</i> 174:1209-1220, 1991.

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	C230	Deb <i>et al.</i> , "RNA-dependent protein kinase PKR is required or activation of NF- κ B by IFN- γ in a STAT1-independent pathway," <i>J. Immunol.</i> , 166:6170-6180, 2001.
	C231	Dumoutier and Renauld, "Viral and cellular interleukin-10 (IL-10)-related cytokines: from structures to functions," <i>Eur Cytokine Netw.</i> , 13(2):5-15, 2002.
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	C233	Fisher <i>et al.</i> , "mda-7/LI-24, a novel cancer selective apoptosis inducing cytokine gene," <i>Cancer Biol Therapy</i> , 2(4 suppl. 1):S24-S37, 2003.
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	C240	Judware <i>et al.</i> , "Partial characterization of a cellular factor that regulates the double-stranded RNA-dependent eIF-2 α kinase in 3T3-F442A fibroblasts," <i>Mol. Cell Biol.</i> , 11(6):3259-3267, 1991.
	C241	Kaufman, "Orchestrating the unfolded protein response in health and disease," <i>J. Clin Invest.</i> , 110(10):1389-1398, 2002.
	C242	Killary <i>et al.</i> , "Definition of a tumor suppressor locus within human chromosome 3p21-p22," <i>Proc Nat Acad Sci USA</i> , 89:10877-10881, 1992.
	C243	Kumar <i>et al.</i> , "Deficient cytokine signaling in mouse embryo fibroblasts with a targeted deletion in the PKR gene: role of IRF-1 and NF- κ B," <i>EMBO J.</i> , 16:406-416, 1997.

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	C244	Kumar <i>et al.</i> , "Double-stranded RNA-dependent protein kinase activates transcription factor NF- κ B by phosphorylating I κ B," <i>Proc. Natl. Acad. Sci., USA</i> , 91:6288-6292, 1994.
	C245	Lebedeva <i>et al.</i> , "Restoring apoptosis as a strategy for cancer gene therapy: focus on p53 and mda-7," <i>Semin Cancer Biol</i> , 13(2):169-178, 2003.
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	C248	Maran <i>et al.</i> , "Blockage of NF- κ B signaling by selective ablation of an mRNA target by 2-5A antisense chimeras," <i>Science</i> , 265:789-792, 1994.
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	C252	Mhashikar <i>et al.</i> , "MDA-7 negatively regulates the beta-catenin and PI3K signaling pathways in breast and lung tumor cells," <i>Mol. Ther.</i> , 8:207-219, 2003.
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	C254	Nemunaitis, "Use of macrophage colony-stimulating factor in the treatment of fungal infections," <i>Clin Infect Dis</i> , 26(6):1279-1281, 1998.
	C255	Oh <i>et al.</i> , "Conservation between animals and plants of the cis-acting element involved in the unfolded protein response," <i>Biochem Biophys Res Commun</i> , 301:225-230, 2003.
	C256	Ohara, "Radiotherapy: a significant treatment option in m," <i>Gan. To. Kagaku. Ryoho.</i> , 25:823-828, 1998.

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	C257	Pataer <i>et al.</i> , "Adenoviral Bak overexpression mediates caspase-dependent tumor killing," <i>Cancer Research</i> , 60: 788-792, 2000.
	C258	Pataer <i>et al.</i> , "Adenoviral transfer of the melanoma differentiation-associated gene 7 (mda7) induces apoptosis of lung cancer cells via up-regulation of the double-stranded RNA-dependent protein kinase (PKR).," <i>Cancer Res.</i> , 62:2239-2243, 2002.
	C259	Pavio <i>et al.</i> , "Protein synthesis and endoplasmic reticulum stress can be modulated by the hepatitis C virus envelope protein E2 through the Eukaryotic initiation factor 2 α kinase PERK," <i>J. Virol.</i> , 77(6):3578-3585, 2003.
	C260	Peng <i>et al.</i> , "Mitotic and G2 checkpoint control: regulation of 14-3-3 protein binding by phosphorylation of Cdc25C on serine-216," <i>Science</i> , 277:1501-1505, 1997.
	C261	Petryshyn <i>et al.</i> , "Detection of activated double-stranded RNA-dependent protein kinase in 3T3-F442A cells," <i>Proc. Natl. Acad. Sci. USA</i> , 85(5):1427-1431, 1988.
	C262	Petryshyn <i>et al.</i> , "Growth-related expression of a double-stranded RNA-dependent protein kinase in 3T3 cells," <i>J. Biol. Chem.</i> , 259(23):14736-14742, 1984.
	C263	Pezzella <i>et al.</i> , "Non-Small-Cell Lung Carcinoma Tumor Growth without Morphological Evidence of Neo-Angiogenesis," <i>Am. J. Pathology</i> , 151:1417-1423, 1997.
	C264	Pletras <i>et al.</i> , "Remission of human breast cancer xenografts on therapy with humanized monoclonal antibody to HER-2 receptor and DNA reactive drugs," <i>Oncogene</i> , 17:2235-49, 1998.
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	C266	Ramesh <i>et al.</i> , "Inhibition of lung tumor growth following adenovirus-mediated mda-7 gene expression in vivo," <i>Proc. Amer. Assoc. Canc. Res. Annual Meeting</i> , 42:657, 2001.
	C267	Ramesh <i>et al.</i> , "Melanoma differentiation-associated gene 7/interleukin (IL)-24 is a novel ligand that regulates angiogenesis via the IL-22 receptor," <i>Cancer Res.</i> , 63(16):5105-5113, 2003.
	C268	Reed <i>et al.</i> , "Structure-function analysis of Bcl-2 family proteins," <i>Adv. Exp. Med Biol.</i> , 406:99-112, 1996.

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	C269	Reed, "Bcl-2 family proteins: regulators of apoptosis and chemoresistance in hematologic malignancies," <i>Semin Hematol.</i> , 34(4 Suppl. 5):9-19, 1997.
	C270	Restifo <i>et al.</i> , "Building better vaccines: how apoptotic cell death can induce inflammation and activate innate and adaptive immunity," <i>Curr Opin Immunol</i> , 12(5):597-603, 2000.
	C271	Restifo <i>et al.</i> , "Hierarchy, tolerance, and dominance in the antitumor T-cell response," <i>J. Immunother.</i> , 24(3):193-194, 2001.
	C272	Ron, "Translational control in the endoplasmic reticulum stress response," <i>J. Clin Invest</i> , 110(10):1383-1388, 2002.
	C273	Sakariassen <i>et al.</i> , "Angiogenesis-independent tumor growth mediated by stem-like cancer cells," <i>Proc. Natl. Acad. Sci. USA</i> , 103:16466-16471, 2006.
	C274	Sarkar <i>et al.</i> , "mda-7 (IL-24) mediates selective apoptosis in human melanoma cells by inducing the coordinated overexpression of the GADD family of genes by means of p38 MAPK," <i>Proc. Natl. Acad. Sci. USA</i> , 99(15):10054-10059, 2002.
	C275	Shtrichman <i>et al.</i> , "Tissue selectivity of interferon-stimulated gene expression in mice infected with dam ⁺ versus dam ⁻ salmonella enterica serovar typhimurium strains," <i>Infect Immun</i> , 70:5579-5588, 2002.
	C276	Sudhakar <i>et al.</i> , "Phosphorylation of serine 51 in initiation factor 2 α (eIF2 α) promotes complex formation between eIF2 α (P) and eIF2B and causes inhibition in the guanine nucleotide exchange activity of eIF2B," <i>Biochemistry</i> , 39(42):12929-12938, 2000.
	C277	Vattem <i>et al.</i> , "Inhibitory sequences in the N-terminus of the double-stranded-RNA-dependent protein kinase, PKR, are important for regulating phosphorylation of eukaryotic initiation factor 2 α (eIF2 α)," <i>Eur J Biochem</i> , 268(4):1143-1153, 2001.
	C278	Vermeulen <i>et al.</i> , "Lack of angiogenesis in lymph node metastases of carcinomas is growth pattern-dependent," <i>Histopathology</i> , 40:105-107, 2002.
	C279	Yeo <i>et al.</i> , "Accumulation of unglycosylated liver secretory glycoproteins in the rough endoplasmic reticulum," <i>Biochem Biophys Res Commun</i> , 160(3):1421-1428, 1989.

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